Name of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school sorroundings and other cross roads in Bagalagunte ward No 14

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	1st cross Vijaya Lakshmi Badavane						
	LHS	1	25.50	1.00	0.90	22.95	
	RHS	1	25.50	1.00	0.90	22.95	
	1st A cross						
	LHS	1	30.00	1.00	0.90	27.00	
		1	10.30	1.00	0.90	9.27	
		1	3.40	1.00	0.90	3.06	
	RHS	1	30.00	1.00	0.90	27.00	
		1	12.60	1.00	0.90	11.34	
	2 nd cross						
	LHS	1	19.80	1.00	0.90	17.82	
	RHS	1	25.80	1.00	0.90	23.22	
	2 nd A cross						
	LHS	1	30.00	1.00	0.90	27.00	
		1	17.00	1.00	0.90	15.30	
	Back	1	18.50	1.00	0.90	16.65	
	3 rd A cross			1.00			
	LHS	1	30.00	1.00	0.90	27.00	
		1	10.50	1.00	0.90	9.45	
		1	12.40	1.00	0.90	11.16	
		1	2.20	1.00	0.90	1.98	
	RHS	1	30.00	1.00	0.90	27.00	
		1	10.50	1.00	0.90	9.45	
		1	18.00	1.00	0.90	16.20	
		1	30.00	1.00	0.90	27.00	
		1	1.60	1.00	0.90	1.44	
		1	19.30	1.00	0.90	17.37	
		1	22.20	1.00	0.90	19.98	
		1	7.00	1.00	0.90	6.30	
	4th A Cross	1	22.50	1.00	0.90	20.25	
	Dodda Maranna layout						
	LHS	1	30.00	0.80	0.90	21.60	
		1	2.90	0.80	0.90	2.09	

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		1	19.30	0.80	0.90	13.90	
		1	27.00	0.80	0.90	19.44	
	RHS	1	29.00	0.80	0.90	20.88	
		1	29.50	0.80	0.90	21.24	
	Pheonix School Road						
	RHS	1	30.00	1.00	1.00	30.00	
		1	10.00	1.00	1.00	10.00	
	Culvert Near Pheonix School	1	16.70	1.80	1.30	39.08	
	Spoorthi school Road						
	LHS	1	30.00	1.10	0.90	29.70	
		1	20.00	1.10	0.90	19.80	
	Culvert Near Spoorthi School						
		1	5.30	1.50	1.00	7.95	
	DRAIN - Backside Road of Corporation Bank	1	22.00	1.00	1.00	22.00	
				Present Quantity		675.81	**Cum**
				Payable Qtty		642.40	**Cum**

10/06/2024

Assistant Engineer
Ward NO-14
BBMP Bangalore

to
01/07/2024

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

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me of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school sorroundings and other cross roads in Bagalagunte ward No 14

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Desilting of Drain						
	Manjunatha nagara main road						
	LHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
	RHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
	Cross Roads						
	LHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	7.00	0.60	0.45	1.89	
	RHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	

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	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.45	8.10	
	1	6.00	0.60	0.45	1.62	
				Total Quantity	295.11	
				Payable Qty	**295.00**	**Cum**

10/06/2024

Assistant Engineer
Ward NO-14
BBMP Bangalore

01/07/2024

Asst. Executive Engineer
Dasara halli Sub division
BBMP Bangalore

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of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school sorroundings and other cross roads in Bagalagunte ward No 14

	Pre measurement recorded on:						
m No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Providing and laying in position plain cement concrete of mix 1;4;8 with opc cement @ 180kgs with 40 mm and down size grded granite metal course aggregates at 0.85 cum and fine aggregates at0.57 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compected in foundation including cost of all materials ,labour ,HOM of machineries etc complete as per specifications,						
	1st cross Vijaya Lakshmi Badavane						
	LHS	1	25.50	1.00	0.15	3.83	
	RHS	1	25.50	1.00	0.15	3.83	
	1st A cross				0.15		
	LHS	1	30.00	1.00	0.15	4.50	
		1	10.30	1.00	0.15	1.55	
		1	3.40	1.00	0.15	0.51	
	RHS	1	30.00	1.00	0.15	4.50	
		1	12.60	1.00	0.15	1.89	
	2 nd cross				0.15		
	LHS	1	19.80	1.00	0.15	2.97	
	RHS	1	25.80	1.00	0.15	3.87	
	2 nd A cross				0.15		
	LHS	1	30.00	1.00	0.15	4.50	
		1	17.00	1.00	0.15	2.55	
	Back	1	18.50	1.00	0.15	2.78	
	3 rd A cross				0.15		
	LHS	1	30.00	1.00	0.15	4.50	
		1	10.50	1.00	0.15	1.58	
		1	12.40	1.00	0.15	1.86	
		1	2.20	1.00	0.15	0.33	
	RHS	1	30.00	1.00	0.15	4.50	
		1	10.50	1.00	0.15	1.58	
		1	18.00	1.00	0.15	2.70	
		1	30.00	1.00	0.15	4.50	
		1	1.60	1.00	0.15	0.24	
		1	19.30	1.00	0.15	2.90	
		1	22.20	1.00	0.15	3.33	
		1	7.00	1.00	0.15	1.05	
		1	22.50	1.00	0.15	3.38	
	4th A Cross						
	Dodda Maranna layout						
	LHS	1	30.00	0.90	0.15	4.05	
		1	2.90	0.90	0.15	0.39	
		1	19.30	0.90	0.15	2.61	
		1	27.00	0.90	0.15	3.65	
	RHS	1	29.00	0.90	0.15	3.92	
		1	29.50	0.90	0.15	3.98	

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Culvert						
	1	5.30	1.30	0.15	1.03	
Pheonix School Road						
RHS	1	30.00	1.00	0.15	4.50	
	1	10.00	1.00	0.15	1.50	
Culvert	1	16.70	1.60	0.15	4.01	
Spoorthi school Road						
LHS	1	30.00	1.00	0.15	4.50	
	1	20.00	1.00	0.15	3.00	
Culvert Near Spoorthi School						
	1	5.30	1.30	0.15	1.03	
DRAIN - Backside Road of Corporation Bank	1	22.00	1.00	0.15	3.30	
			Present Qtty		111.15	
			Payable Qtty		96.36	Cum

19/06/2024
06/07/2024
to
08.07.2024

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school sorroundings and other cross roads in Bagalagunte ward No 14

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4.2.7: Providing and laying in position plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, machine mixed concrete well compacted for wall and bottom including centering and shuttering cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.						
	For Raft						
	1st cross Vijaya Lakshmi Badavane						
	LHS	1	25.50	1.00	0.15	3.83	
	RHS	1	25.50	1.00	0.15	3.83	
	1st A cross						
	LHS	1	30.00	1.00	0.15	4.50	
		1	10.30	1.00	0.15	1.55	
		1	3.40	1.00	0.15	0.51	
	RHS	1	30.00	1.00	0.15	4.50	
		1	12.60	1.00	0.15	1.89	
	2 nd cross						
	LHS	1	25.80	1.00	0.15	3.87	
	RHS	1	19.80	1.00	0.15	2.97	
	2 nd A cross						
	LHS	1	30.00	1.00	0.15	4.50	
		1	17.00	1.00	0.15	2.55	
	Back	1	18.50	1.00	0.15	2.78	
	3 rd A cross						
	LHS	1	30.00	1.00	0.15	4.50	
		1	10.50	1.00	0.15	1.58	
		1	12.40	1.00	0.15	1.86	
		1	2.20	1.00	0.15	0.33	
	RHS	1	30.00	1.00	0.15	4.50	
		1	10.50	1.00	0.15	1.58	
		1	18.00	1.00	0.15	2.70	
		1	30.00	1.00	0.15	4.50	
		1	1.60	1.00	0.15	0.24	
		1	19.30	1.00	0.15	2.90	
		1	22.20	1.00	0.15	3.33	
		1	7.00	1.00	0.15	1.05	
	4 th Cross	1	22.50	1.00	0.15	3.38	
	Pheonix School Road						
	RHS	1	30.00	1.00	0.15	4.50	
		1	10.00	1.00	0.15	1.50	
	Culvert Near Pheonix School	1	16.70	1.60	0.30	8.02	
	Dodda Maranna layout						
	LHS	1	30.00	0.80	0.15	3.60	
		1	2.90	0.80	0.15	0.35	

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	1	19.30	0.80	0.15	2.32	
	1	27.00	0.80	0.15	3.24	
RHS	1	29.00	0.80	0.15	3.48	
Cross road	1	29.50	0.80	0.15	3.54	
Spoorthi school Road						
LHS	1	30.00	1.00	0.15	4.50	
	1	24.50	1.00	0.15	3.68	
Culvert Near Spoorthi School						
	1	5.30	1.30	0.15	1.03	
Backside Road of Corporation Bank	1	22.00	1.00	0.15	3.30	
For Side wall						
1st cross Vijaya Lakshmi Badavane						
LHS	2	25.50	0.15	0.60	4.59	
RHS	2	25.50	0.15	0.60	4.59	
1st A cross						
LHS	2	30.00	0.15	0.65	5.85	
	2	10.30	0.15	0.60	1.85	
	2	3.40	0.15	0.60	0.61	
RHS	2	30.00	0.15	0.60	5.40	
	2	12.60	0.15	0.60	2.27	
2 nd cross						
LHS	2	25.80	0.15	0.50	3.87	
RHS	2	19.80	0.15	0.75	4.46	
2 nd A cross						
LHS	2	30.00	0.15	0.60	5.40	
	2	17.00	0.15	0.60	3.06	
Back	2	18.50	0.15	0.65	3.61	
3 rd A cross						
LHS	2	30.00	0.15	0.60	5.40	
	2	10.50	0.15	0.60	1.89	
	2	12.40	0.15	0.60	2.23	
	2	2.20	0.15	0.60	0.40	
RHS	2	30.00	0.15	0.60	5.40	
	2	10.50	0.15	0.60	1.89	
	2	18.00	0.15	0.50	2.70	
	2	30.00	0.15	0.50	4.50	
	2	1.60	0.15	0.30	0.14	
	2	19.30	0.15	0.75	4.34	
	2	22.20	0.15	0.75	5.00	
	2	7.00	0.15	0.60	1.26	
4th cross	2	22.50	0.15	0.60	4.05	
Pheonix School Road						
RHS	2	30.00	0.15	0.85	7.65	
	2	10.00	0.15	0.85	2.55	
Culvert Near Pheonix School	2	16.70	0.30	1.10	11.02	
	1	16.70	1.60	0.25	6.68	
Dodda Maranna layout						
LHS	2	30.00	0.15	0.60	5.40	
	2	2.90	0.15	0.60	0.52	

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	2	19.30	0.15	0.60	3.47	
	2	27.00	0.15	0.60	4.86	
RHS	2	29.00	0.15	0.60	5.22	
	2	29.50	0.15	0.60	5.31	
Spoorthi school Road						
LHS	2	30.00	0.15	0.65	5.85	
	2	24.50	0.15	0.65	4.78	
Culvert Near Spoorthi School						
	2	5.30	0.30	0.60	1.91	
For RCC Deck	1	5.30	1.20	0.25	1.59	
Culvert near 2 nd Cross Bhuvaneshwari nagara 9th main Road	1	6.00	1.20	0.25	1.80	
Backside Road of Corporation Bank	2	22.00	0.15	0.60	3.96	
					270.07	**Cum**
				Payable Quantity	**262.80**	**Cum**

Assistant Engineer
Ward NO-14
BBMP Bangalore

05/07/2024
to
25/07/2024
09/09/2024

Asst. Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

BHURAT BENGALURU MAHANAGAR PALIKE

me of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school sorroundings and other cross roads in Bagalagunte ward No 14

Pre-Measurement Sheet

First and Final

Item No:	5
Item Name:	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary compl

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter	Weight of Steel in kgs	Remarks
For Drain										
1	10	1	150mm/CC	18	701.00	12618.0	Distribution	0.62	7823	
2	10	1	100mm C/c	7185	2.4	17244.0	Main Bar	0.62	10691	
For Culverts										
1	12	1	150mm/CC	18	16.7	300.6	Distribution	0.89	268	
2	12	1	100mm C/c	277	4.1	1135.70	Main Bar	0.89	1011	
								Total Quantity of Steel in Kg's	**19792.7**	**kgs**
								Total Quantity of Steel in Tonne's	**19.71**	**Tonnes**

Contractor Representative

06/07/2024 to 19/07/2024

Assistant Engineer
Ward NO-14
BBMP-Bengaluru

Asst.Assistant Engineer
Dasarahalli Sub division
BBMP-Bengaluru

Scanned with CamScanner

of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school

re measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing and Removing Centering , Shuttering and strutting ,propping ,etc and removel of form work for vertical surface such as walls at any thickness including attached pilasters buttresses plinth cill and string courses cost of all materials labours complete as per specifications						
For Side wall						
1st cross Vijaya Lakshmi Badavane						
LHS	4	25.50		0.75	76.50	
RHS	4	25.50		0.75	76.50	
1st A cross						
LHS	4	30.00		0.75	90.00	
	4	10.30		0.75	30.90	
	4	3.40		0.75	10.20	
RHS	4	30.00		0.75	90.00	
	4	12.60		0.75	37.80	
2 nd cross						
LHS	4	25.80		0.75	77.40	
	4	19.80		0.90	71.28	
2 nd A cross						
LHS	4	30.00		0.75	90.00	
	4	17.00		0.75	51.00	
Back	4	18.50		0.75	55.50	
3 rd A cross						
LHS	4	30.00		0.75	90.00	
	4	10.50		0.75	31.50	
	4	12.40		0.75	37.20	
	4	2.20		0.75	6.60	
RHS	4	30.00		0.75	90.00	
	4	1.60		0.75	4.80	
	4	19.30		0.90	69.48	
	4	22.20		0.90	79.92	
	4	7.00		0.90	25.20	
4 th A Cross	4	22.50		0.75	67.50	
Pheonix School Road						
RHS	4	30.00		1.00	120.00	
	4	10.00		1.00	40.00	
	4	16.70		1.20	80.16	
For raft	4	16.70		0.30	20.04	
For Culvert slab	56	1.60		0.30	26.88	
sides	56	0.60		0.30	10.08	
Dodda Maranna layout						
LHS	4	30.00		0.75	90.00	
	4	2.90		0.75	8.70	
	4	19.30		0.75	57.90	
	4	27.00		0.75	81.00	
RHS	4	29.00		0.75	87.00	
	4	29.50		0.75	88.50	
Spoorthi school Road						

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LHS	4	30.00		0.75	90.00	
	4	20.00		0.75	60.00	
Culvert						
	4	5.30		0.75	15.90	
For Raft	4	5.30		0.15	3.18	
For Culvert slab	16	1.20		0.30	5.76	
Sides	16	0.60		0.30	2.88	
Corporation Bank back side cross road						
drain	4	22.00		0.75	66.00	
Culvert near 2nd cross Bhuvaneshwarinagara						
For Culvert slab	20	1.20		0.30	7.20	
	20	0.60		0.30	3.60	
	4	6.00		0.30	7.20	
				Present Quantity	2231.26	**Sqm**
				Payable Quantity	2231.26	**Sqm**

Assistant Engineer
Ward NO-14
BBMP Bangalore

26/07/2021 to 07/08/2021

Asst. Executive Engineer
Dasara halli Sub division
BBMP Bangalore

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Name of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing and fixing precast covering Slab made out of CC 1:2:4 10 cm thick and finishing cutting ,including form work ,curing ,including cost of materials ,labour ,hire charges of machinary ,loading un loading , lead and lift charges transportation charges etc complete as per specifications						
	For Side wall						
	1st cross From Manjunatha Nagara Road						
	LHS	1	18.00	0.90		16.20	
	RHS	1	17.40	0.90		15.66	
	1st A cross From Manjunatha Nagara Road					0.00	
	LHS	1	24.00	0.90		21.60	
	RHS	1	24.00	0.90		21.60	
	2 nd cross From Manjunatha Nagara Road					0.00	
	LHS	1	18.00	0.90		16.20	
	RHS	1	15.00	0.90		13.50	
	2 nd A cross From Manjunatha Nagara Road					0.00	
	LHS	1	32.40	0.90		29.16	
	3 rd A cross From Manjunatha Nagara Road					0.00	
	LHS	1	42.00	0.90		37.80	
	RHS	1	18.00	0.90		16.20	
		1	43.20	0.75		32.40	
	LHS	1	22.8	0.75		17.10	
	4 th A cross RHS	1	9.60	0.75		7.20	
	Pheonix School Road RHS	1	37.80	0.90		34.02	
	Maramma Temple to Munikonappa layout road						
	LHS	1	48.00	0.75		36.00	
	RHS	1	61.80	0.75		46.35	
	Spoorthi school Road	1					
	LHS	1	30.00	0.90		27.00	
		1	8.40	0.90		7.56	
	coconut garden layout	3	30.00	0.90		81.00	
		1	2.00	0.90		1.80	
	Manjunatha Nagara cross Roads	1	30.00	0.90		27.00	
		1	22.50	0.90		20.25	
					Present Quantity	525.60	Sqm
					Payable Quantity	**525.60**	Sqm

06/09/2021

Assistant Engineer
Ward NO-14
BBMP Bangalore

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

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ne of work :- Construction of cc drain Marammadevi Temple sorrounding via pheonix school

	Pre measurement recorded on:						
tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Loading and unloading charges of Stone Boulder/Stone aggregates/ Sand/ Kanker/ Moorum. KSRRB M100-1 : Placong tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifictions.						
	Quantity vide item No 1					**642.40**	**Cum**

24/09/2021

Assistant Engineer
Ward NO-14
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Asst. Executive Engineer,
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BBMP Bangalore

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